

P236. IBER-XYFAS – Ibero-American network for the surveillance of *Xylella fastidiosa*

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Xylella fastidiosa is the causal agent of various plant diseases that continuously challenge agroforestry production causing significant losses to European and American countries. IBER-XYFAS is an international network of research groups, agrofood companies and regional governments, financed by CYTED that aims gather all available data on the bacterium, on its vectors, on the crops affected in Ibero-American countries and on the prevention and control activities that are being carried out. The specific objectives of the network will focus on the following work packages: P1) Information on the bacterium; P2) Information on transmission vectors; P3) Information on the interaction of the bacteria with the plant; P4) Information on therapies; P5) Information on remote sensing methodologies; P6) Information on the environmental, social and economic impact of diseases and control measures. The purpose of the information exchange is to generate knowledge that will contribute to the development of a technological alert and surveillance system that will enable local or national governments to take the necessary measures to continue, contain and ultimately eradicate the disease. The main outputs of IBER-XYFAS are: to promote the scientific and technological integration of the Ibero-American region and the effective transfer of knowledge and technologies; to encourage the participation of researchers from the Ibero-American region in other programs and the active participation of different actors in the control of the disease; to promote the development of effective transfer activities to

small producers and vulnerable sectors; to contribute to the improvement of the social perception of R+D+I and its results; to promote the improvement of production through the integration of technological and economic aspects; to design technological protocols for the control of the disease.